

AMENDMENTS TO THE CLAIMS:

Please cancel claim 2 without prejudice, and amend claims 1 and 6, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A fuel cell system having:

a fuel cell provided with a fuel electrode, an oxidant electrode and an electrolyte membrane sandwiched between them, and

a fuel supply system supplying liquid fuel to said fuel electrode, comprising;

a gas discharge unit provided with a filter at a part of a member which excludes a reaction part of said fuel electrode and is in contact with the fuel,

wherein said filter is constituted of a vapor-liquid separation membrane substrate and a carbon dioxide permselective membrane provided on the substrate.

Claim 2 (cancelled):

Claim 3 (previously presented): The fuel cell system of Claim 1,

wherein said carbon dioxide permselective membrane has a thickness of 5 μm or less.

Claim 4 (previously presented): The fuel cell system of Claim 1,

wherein said filter has a structure further provided with a porous membrane on said carbon dioxide permselective membrane.

Claim 5 (previously presented): The fuel cell system of Claim 1,

wherein said gas discharge unit is provided with a chamber communicated with said fuel supply system through said filter; and

a catalyst is disposed in said chamber or on the wall surface of the chamber.

Claim 6 (currently amended): The fuel cell system of Claim 1,

wherein said gas discharge unit is provided with[[:]]:

a first chamber that has an air port provided with a filter and is communicated with said fuel supply system through said filter; and

a second chamber that is communicated with said first chamber and provided with a catalyst in the chamber or on the wall surface of the chamber.

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